

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,836,245 B2  
DATED : December 28, 2004  
INVENTOR(S) : Takaaki Kishigami et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Insert Item -- [30] **Foreign Application Priority Data**

December 12, 2000 JP 2000-377003 --.

Item [56], **References Cited**, FOREIGN PATENT DOCUMENTS, please delete  
"EP 1 031 286 A2" and substitute therefor -- EP 1 031 846 A2 --.

Column 22.

Line 64, delete "antennae" and insert -- antenna, --.

Line 66, delete "tar" and insert -- for ---.

Line 67, delete "toe" and insert -- to a --.

Column 23.

Line 2, delete "at" and insert -- of --.

Line 34, delete "in put" and insert -- input --.

Line 45, "2" should read -- 1 --.

Line 46, after "LDL<sup>H</sup>," insert -- of --.

Column 24.

Line 39, delete "or" and insert -- of --.

Column 25.

Line 3, delete "tar" and insert -- for --.

Line 8, delete "tar" and insert -- for --.

Line 43, delete "0" and insert -- D --.

Column 26.

Line 13, delete "arrival" and insert -- arrival-angle --.

Line 53, delete "cacti at" and insert -- each of --.

Column 27.

Line 26, delete "LLH" and insert -- LL<sup>H</sup> --.

Line 29, delete "U<sup>H</sup>U" and insert -- U<sup>H</sup>DU --.

Line 49, delete "or" and insert -- of --.

Column 28.

Line 33, delete "at" and insert -- of --.

Line 51, delete "far" and insert -- for --.

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Column 29,

Line 21, delete "U<sup>H</sup>U" and insert -- U<sup>H</sup>DU --.

Line 43, delete "far" and insert -- for --.

Column 30,

Line 3, delete "or" and insert -- of --.

Line 13, delete "tar" and insert -- for --.

Line 19, delete "factoring" and insert -- factorizing --.

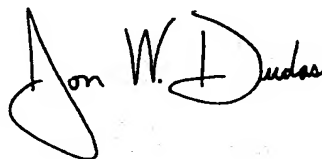
Column 31,

Line 6, delete "B" and insert --  $\theta$  --.

Line 24, delete "evaluating" and insert -- evaluation --.

Signed and Sealed this

Twenty-fifth Day of October, 2005

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*